

American Petroleum Institute
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Washington, D.C. 20005



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weekly statistical bulletin

STATISTICS DEPARTMENT

VOL. 65 For Week Ended February 10, 1984

NO. 6

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending:	Last Week Ending:	Last Year Week Ending:	Change From Last Week	Change From Last Year
	02/10/84	02/03/84	02/11/83		
<u>Refinery Operations</u>					
Input to crude oil distillation units	12,131	12,452	11,085	-321	1,046
Operable capacity	16,309	16,309	16,814	0	-505
Percent operated	74.4	76.4	65.9		
<u>Motor Gasoline</u>					
Total motor gasoline production	6,135	6,131	5,858	4	277
Finished leaded motor gasoline production	2,713	2,451	2,627	262	86
Finished unleaded motor gasoline production	3,422	3,680	3,231	-258	191
Total motor gasoline stocks	227,216	225,425	252,306	1,791	-25,090
Finished leaded motor gasoline stocks	93,084	92,745	105,115	339	-12,031
Finished unleaded motor gasoline stocks	93,384	92,233	102,648	1,151	-9,264
<u>Distillate Fuel Oil</u>					
Distillate fuel oil production	2,855	2,786	2,254	69	601
Distillate fuel oil stocks	117,855	117,838	160,192	17	-42,337
<u>Residual Fuel Oil</u>					
Residual fuel oil production	1,081	860	866	221	215
Residual fuel oil stocks	44,608	43,317	59,839	1,291	-15,231
<u>Imports</u>					
Crude oil imports	2,872	4,148	2,310	-1,276	562
Product imports	2,419	2,491	1,754	-72	665
<u>Crude Oil Stocks</u>					
Crude oil stocks	338,818	344,561	362,625	-5,743	-23,807

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available



STATISTICS DEPARTMENT

VOL. 65 For Week Ended February 10, 1984

NO. 6

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,127	1,020	1,065	1,229	86.7
Appal. No. 1	67	60	61	177	34.5
DISTRICT 1 TOTAL	1,194	1,080	1,126	1,406	80.1
Appal. No. 2	64	58	63	66	95.5
Ind., Ill., Ky.	1,941	1,826	1,835	2,345	78.3
Minn., Wis., Daks.	272	258	269	296	90.9
Okla., Kans., Mo.	649	577	577	827	69.8
DISTRICT 2 TOTAL	2,926	2,719	2,744	3,534	77.6
Inland Texas	591	490	499	585	85.3
Texas Gulf Coast	3,162	2,895	2,962	3,907	75.8
La. Gulf Coast	2,186	2,004	2,029	2,890	70.2
N. La. and Ark.	206	189	189	286	66.1
New Mexico	97	83	84	105	80.0
DISTRICT 3 TOTAL	6,242	5,661	5,763	7,773	74.1
DISTRICT 4 TOTAL	415	416	417	536	77.8
DISTRICT 5 TOTAL	2,275	2,081	2,081	3,060	68.0
TOTAL U.S.	13,052	11,957	12,131	16,309	74.4
TOTAL U.S.					
Weeks Ended:					
FEB. 3, 1984	13,161	12,061	12,452	16,309	76.4
FEB. 11, 1983	11,765	10,757	11,085	16,814	65.9
DISTRICTS 1-4					
Weeks Ended:					
FEB. 10, 1984	10,777	9,876	10,050	13,249	75.9
FEB. 3, 1984	11,043	9,992	10,331	13,249	78.0
FEB. 11, 1983	9,751	8,758	9,050	13,731	65.9

API WEEKLY STATISTICAL BULLETIN

Week Ended February 10, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	523	209	314	16	32	345	174
Appal. No. 1	31	12	19	2	--	19	5
DISTRICT 1 TOTAL	554	221	333	18	32	364	179
Appal. No. 2	37	18	19	3	--	14	2
Ind., Ill., Ky.	1,121	487	634	7	131	360	65
Minn., Wis., Daks.	163	91	72	3	7	77	6
Okla., Kans., Mo.	368	184	184	13	28	183	7
DISTRICT 2 TOTAL	1,689	780	909	26	166	634	80
Inland Texas	291	159	132	24	28	110	23
Texas Gulf Coast	1,447	505	942	11	194	728	323
La. Gulf Coast	958	453	505	10	261	446	89
N. La. and Ark.	73	39	34	7	--	58	11
New Mexico	45	26	19	14	1	25	2
DISTRICT 3 TOTAL	2,814	1,182	1,632	66	484	1,367	448
DISTRICT 4 TOTAL	200	127	73	15	24	113	8
DISTRICT 5 TOTAL	878	403	475	43	241	377	366
TOTAL U.S.	6,135	2,713	3,422	168	947	2,855	1,081
TOTAL U.S.							
Weeks Ended:							
FEB. 3, 1984	6,131	2,451	3,680	160	944	2,786	860
FEB. 1, 1983	5,858	2,627	3,231	186	848	2,254	866
DISTRICTS 1-4							
Weeks Ended:							
FEB. 10, 1984	5,257	2,310	2,947	125	706	2,478	715
FEB. 3, 1984	5,171	2,108	3,063	120	698	2,461	583
FEB. 11, 1983	4,914	2,224	2,690	136	618	1,919	566

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.²Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,459	2,660	2,799	--	89	641	7,240	1,983	--
Central Atlantic	31,247	11,995	14,849	4,403	561	3,794	24,749	15,579	10,938
Lower Atlantic	26,263	13,486	12,458	319	106	3,849	11,479	2,866	544
DISTRICT 1 TOTAL	62,969	28,141	30,106	4,722	756	8,284	43,468	20,428	11,482
DISTRICT 2 TOTAL	62,951	28,928	26,482	7,541	1,268	6,289	35,762	3,945	17,226
DISTRICT 3 TOTAL	64,892*	23,045*	23,933	17,914	2,508	9,910*	25,802*	11,837	43,998
DISTRICT 4 TOTAL	7,990	3,618	2,071	2,301	302	485	2,815	340	2,521
DISTRICT 5 TOTAL	28,414	9,352	10,792	8,270	1,344	5,165	10,008	8,058	26,015
TOTAL U.S.	227,216	93,084	93,384	40,748	6,178	30,133	117,855	44,608	106,242
TOTAL U.S.									
Weeks Ended:									
FEB. 3, 1984	225,425*	92,745*	92,233	40,447	6,195	31,116*	117,838*	43,317	106,732
FEB. 11, 1983	252,306	105,115	102,648	44,543	7,389	33,563	160,192	59,839	110,789
DISTRICTS 1-4									
Weeks Ended:									
FEB. 10, 1984	198,802	83,732	82,592	32,478	4,834	24,968	107,847	36,550	80,227
FEB. 3, 1984	197,029*	83,362*	81,183	32,484	4,692	25,932*	107,741*	35,589	80,382
FEB. 11, 1983	221,232	93,634	91,543	36,055	5,587	27,550	147,423	50,776	83,324

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

²Includes Grade No. 4 fuel oil

* See revisions on page 8.

NA-Not Available

WEEKLY STATISTICAL BULLETIN

Week Ended February 10, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API Monthly	Latest Dept. of Energy Sep. 1983	Total	From Canada	
----- Daily Average -----					
DISTRICTS 1-4 TOTAL					
FEB. 10, 1984	5,800.3	5,895.0	2,675	272	254,455
FEB. 3, 1984	5,804.3*	--	4,041	463	263,078*
JAN. 27, 1984	5,804.3*	--	2,607	311	258,046
JAN. 20, 1984	5,804.3*	--	2,809	221	266,214
DISTRICT 5 TOTAL					
FEB. 10, 1984	2,864.0	2,859.0	197	22	84,363 ‡
FEB. 3, 1984	2,871.2*	--	107	17	81,483
JAN. 27, 1984	2,871.2*	--	105	27	86,683
JAN. 20, 1984	2,871.2*	--	215	35	83,749
‡ INCLUDES 24,119 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
FEB. 10, 1984	8,664.3	8,754.0	2,872	294	338,818 ‡
FEB. 3, 1984	8,675.5*	--	4,148	480	344,561*
JAN. 27, 1984	8,675.5*	--	2,712	338	344,729
JAN. 20, 1984	8,675.5*	--	3,024	256	349,963
FEB. 11, 1983	8,741.0/A	--	2,310	265	362,625

/A - DOE actual for February 1983.

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
FEB. 10, 1984	13,037	72,568	154,901	13,949	254,455	84,363 ‡	338,818 ‡
FEB. 3, 1984	15,905	73,627	160,477*	13,069	263,078*	81,483	344,561*
FEB. 11, 1983	17,067	78,672	170,445	14,579	280,763	81,862	362,625

¹See definitional notes, Page 6.

* See revisions on page 8.

API WEEKLY STATISTICAL BULLETIN

Week Ended February 10, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	L.P.G.	Unfinished Oil ³	Other	Total
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type						
New England	--	--	--	--	--	--	161	2	--	--	163
Central Atlantic	90	4	86	--	113	265	966	16	50	30	1,530
Lower Atlantic	--	--	--	--	10	--	123	--	--	--	133
DISTRICT 1 TOTAL											
FEB. 10, 1984	90	4	86	--	123	265	1,250	18	50	30	1,824
FEB. 3, 1984	205	59	146	--	91	417	770	5	118	119	1,725
JAN. 27, 1984	181	88	93	--	87	216	970	10	40	31	1,435
JAN. 20, 1984	215	59	156	--	63	269	929	12	100	--	1,588
DISTRICTS 2-4 TOTAL											
FEB. 10, 1984	11	2	9	--	--	11	57	181	143	132	535
FEB. 3, 1984	26	10	16	--	--	20	65	200	322	57	690
JAN. 27, 1984	14	5	9	--	--	13	50	181	232	91	581
JAN. 20, 1984	18	8	10	--	--	14	100	195	60	66	453
DISTRICT 5 TOTAL											
FEB. 10, 1984	9	2	7	--	2	5	15	21	--	6	58
FEB. 3, 1984	15	3	12	--	6	10	17	18	--	10	76
JAN. 27, 1984	5	2	3	--	2	5	25	22	73	5	137
JAN. 20, 1984	11	3	8	--	2	5	14	23	--	5	60
TOTAL U.S.	110	8	102	--	125	281	1,322	220	193	168	2,419
TOTAL U.S.											
Weeks Ended:											
FEB. 3, 1984	246	72	174	--	97	447	852	223	440	186	2,491
JAN. 27, 1984	200	95	105	--	89	234	945	213	345	127	2,153
JAN. 20, 1984	244	70	174	--	65	288	1,043	230	160	71	2,101
FEB. 11, 1983	218	157	61	--	--	127	712	285	167	245	1,754

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.²Includes Grade No. 4 fuel oil.³See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.

The Total of crude oil imports includes receipts from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

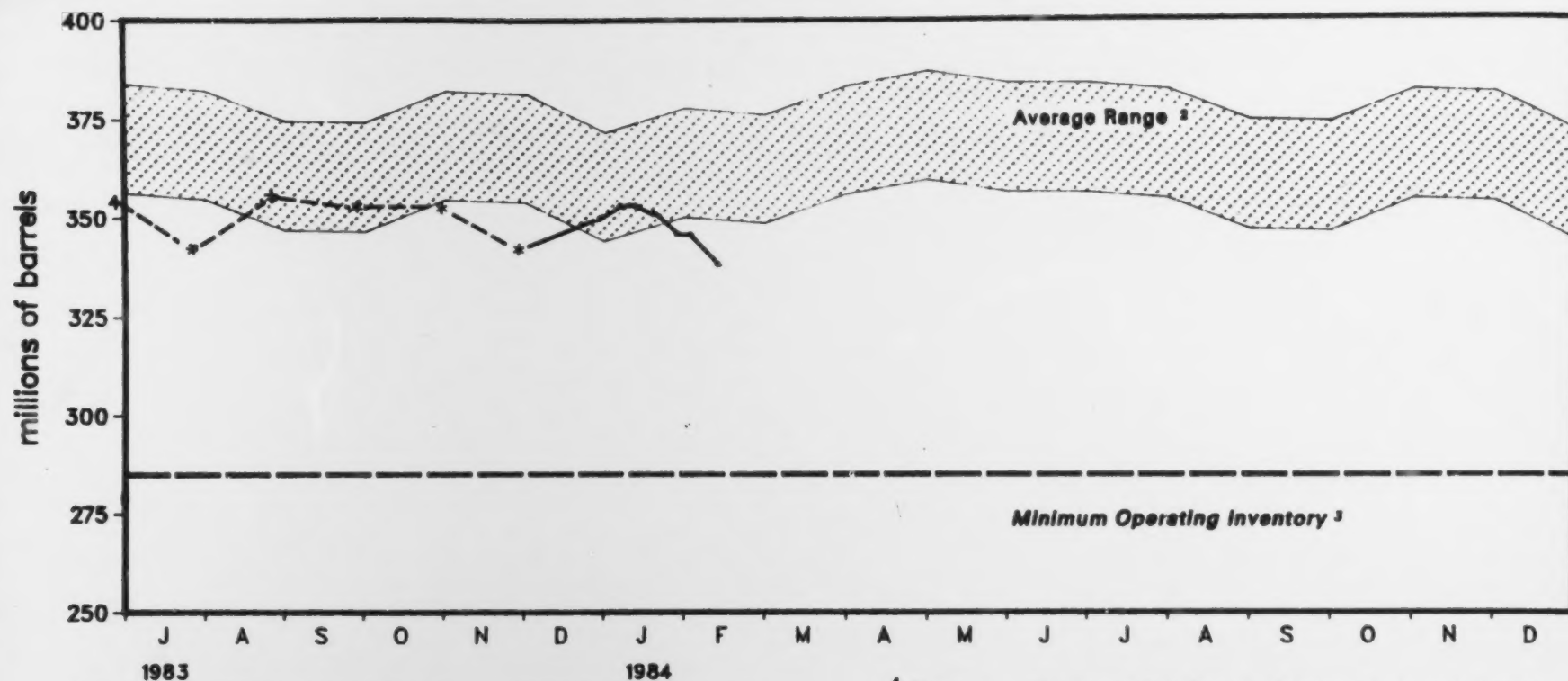
	API Estimated Production		Dept. of Energy
	January 1984	December 1983	Sept. 1983
Florida	51.0	52.0	52.0
New York-Pennsylvania	14.0	14.0	14.0
Virginia	-	-	-
West Virginia	8.0	7.0	11.0
Illinois	80.0	79.0	82.0
Indiana	15.0	15.0	14.0
Kansas	196.0	198.0	199.0
Kentucky	22.0	21.0	22.0
Michigan	89.0	89.0	89.0
Missouri-Tennessee	4.0	4.0	4.0
Nebraska	18.0	18.0	18.0
Ohio	40.0	40.0	40.0
Oklahoma	434.0	437.0	435.0
North Dakota	138.5	137.5	139.0
South Dakota	3.3	3.3	3.0
Alabama	50.0	51.0	48.0
Arkansas	52.0	52.0	52.0
Mississippi	87.0	86.0	87.0
New Mexico-So. East	191.0	189.0	190.0
New Mexico-Other	17.5	17.5	18.0
North Louisiana	94.0	94.0	94.0
South Louisiana	1,215.0	1,211.0	1,264.0
Total Louisiana	1,309.0	1,305.0	1,358.0
Texas			
District 1	65.0	65.0	67.0
District 2	106.0	105.0	111.0
District 3	354.0	354.0	343.0
District 4	73.0	72.0	75.0
District 5	23.0	21.0	26.0
District 6, East Texas Field	137.0	137.0	139.0
Other	110.0	110.0	117.0
District 7-B	88.0	88.0	93.0
District 7-C	90.0	90.0	94.0
District 8 and 8-A	1,235.0	1,235.0	1,242.0
District 9	100.0	99.0	106.0
District 10	54.0	54.0	57.0
Total Texas	2,435.0	2,430.0	2,470.0
Colorado	78.0	77.5	84.0
Montana	83.0	83.0	77.0
Utah	79.0	79.0	79.0
Wyoming	310.0	310.0	310.0
Total Dists. 1-4	5,804.3	5,794.8	5,895.0
Alaska	1,753.2	1,707.5	1,737.0
Arizona	1.0	1.0	1.0
California	1,115.0	1,114.0	1,119.0
Nevada	2.0	2.0	2.0
Total Dist. 5	2,871.2	2,824.5	2,859.0
Total U.S.	8,675.5	8,619.3	8,754.0

API STATISTICAL BULLETIN
WEEK ENDED: FEB. 10, 1984

REVISIONS

02/03/84	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	63,279
			TOTAL U.S.	225,425
		LEADED MGAS	DISTRICTS 1-4	197,029
			DISTRICT 3 TOTAL	22,776
			TOTAL U.S.	92,745
		KEROSINE JET	DISTRICTS 1-4	83,362
			DISTRICT 3 TOTAL	10,240
			TOTAL U.S.	31,116
		DISTILLATE FUEL	DISTRICTS 1-4	25,932
			DISTRICT 3 TOTAL	26,102
			TOTAL U.S.	117,838
			DISTRICTS 1-4	107,741
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	263,078
			TOTAL U.S.	344,561
	PAGE 4 B	TOTAL	PAD DISTRICT 3	160,477
			TOTAL PAD DISTRICTS 1-4	263,078
			TOTAL U.S.	344,561

Crude Oil Stocks at Primary Level^{1 5}



¹ Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

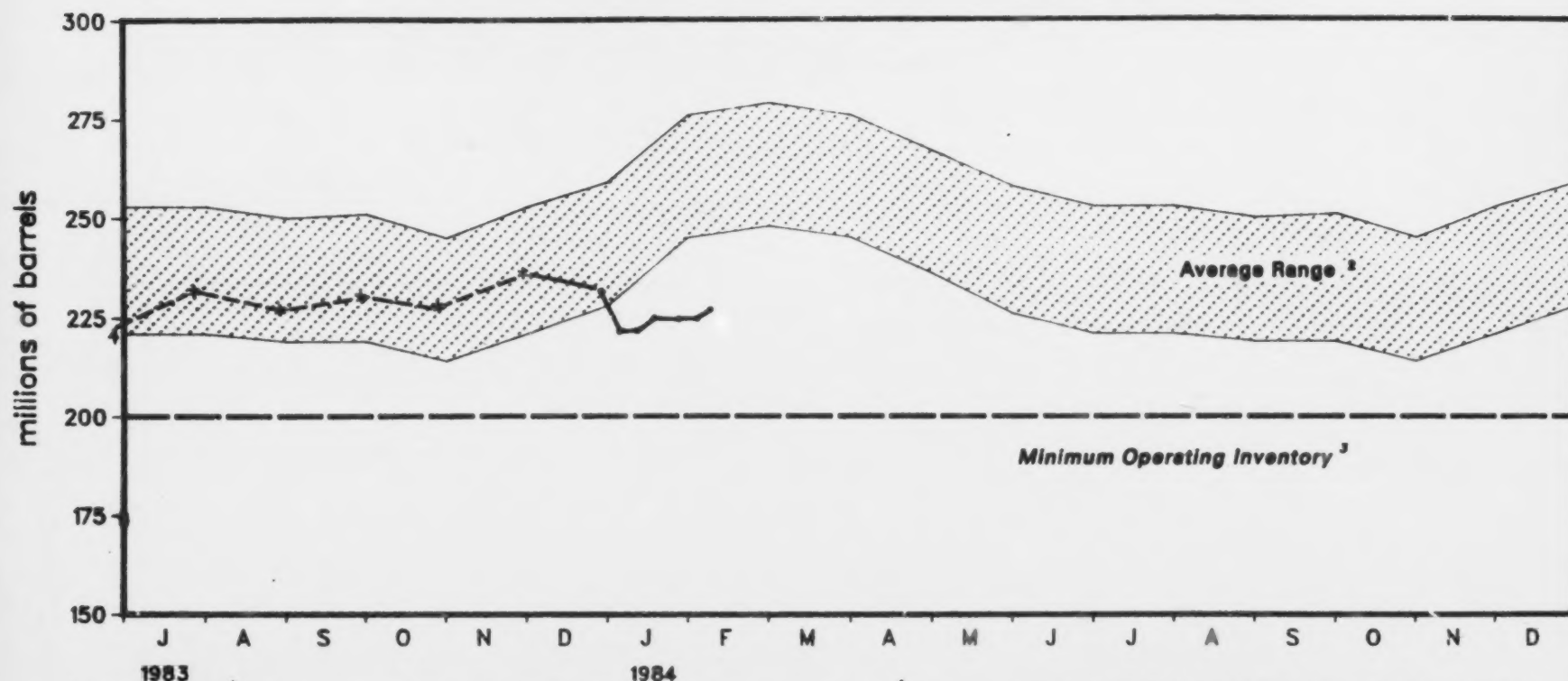
² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 - December 1982.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• -- API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistic systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Motor Gasoline Stocks at Primary Level^{1 5}



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
 • -- API, Weekly Statistical Bulletin.

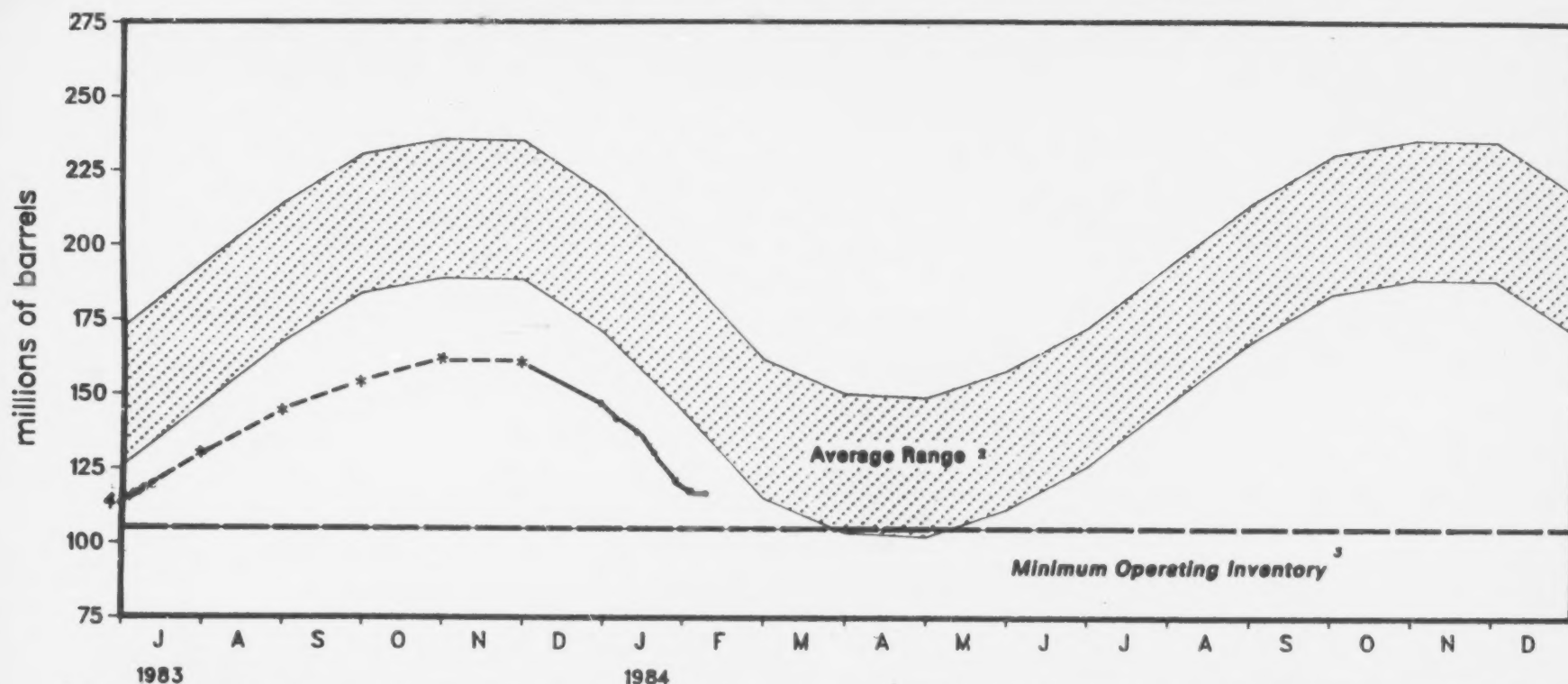
² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 - December 1982.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistic systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

February 10, 1984

Distillate Fuel Oil Stocks at Primary Level ¹ ⁵



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1978 - December 1982.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
 * -- API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.